

**ABSTRACT**

A flexible material allows for the controlled release of a microencapsulated substance. One element of the material is interwoven fibers. A second element is means 5 for passing a current and generating localized heating interspersed among the fibers. A third element is at least one microcapsule, situated on or within the interwoven fibers and means for passing a current, containing a substance and releasing said substance upon rupture due to localized heating generated by selectively heating the means for passing a current. A fourth element is a means for controlling the current passed through the means 10 for passing a current to enable controlled localized heating.

Fig. 2